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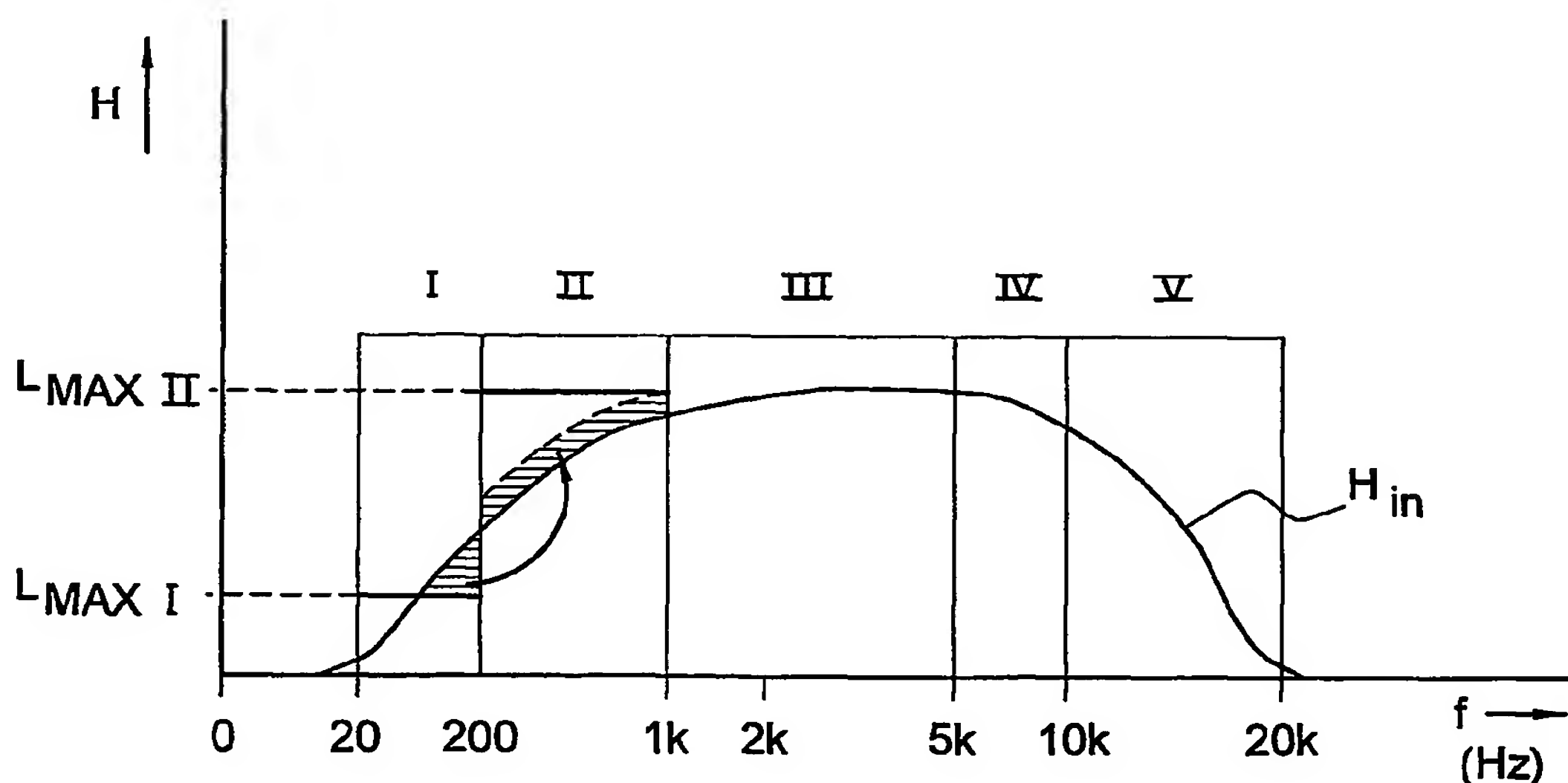
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(54) Title: ADAPTIVE SOUND REPRODUCTION



(57) Abstract: To prevent distortion when sound is reproduced using a loudspeaker or similar transducer, the amplitude of the sound signal in a particular frequency range (I) may be reduced if it exceeds a threshold ($L_{MAX I}$). The invention proposes to wholly or partially map the amplitude reduced frequencies to other frequency ranges (II). As a result, the total sound level is not affected.

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